

CLAIMS

What is claimed is:

1. A blocking apparatus comprising:

a work-piece holder having a recess formed therein for receiving a work-piece;

a seat stage having a chamber for receiving and engaging at least one portion of said work-piece holder;

an adjustable offset mechanism for enabling pivotal movement against said work-piece holder, wherein said adjustable offset mechanism is coupled to said work-piece holder and said seat stage.
2. The apparatus of claim 1, wherein said adjustable offset mechanism is coupled to said work-piece holder and said seat stage via a pivot.
3. The apparatus of claim 1, wherein said adjustable offset mechanism includes an adjusting tool that enables a user to adjust the pivotal movement against said work-piece holder.
4. The apparatus of claim 1, wherein said work-piece holder automatically self-aligns on said seat stage after said work-piece holder is engaged by a block.
5. The apparatus of claim 1, wherein said chamber includes a surface for interfacing with said at least one portion of said work-piece holder.

6. The apparatus of claim 1, wherein said work-piece is an unprocessed lens.
7. The apparatus of claim 1, wherein said block is movable in an axis vertical to said blocking apparatus.
8. The apparatus of claim 1, wherein said work-piece holder is movable in an axis horizontal to said blocking apparatus.
9. The apparatus of claim 1, further comprising a controlling mechanism for controlling movement of said block along an axis vertical to said blocking apparatus.
10. The apparatus of claim 1, further comprising one or more fastening mechanisms for fastening said work-piece holder on said seat stage.